

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

RECORD OF WELL

1. Location: State N.Y. County Putnam  
Nearest P. O. Tonawanda Corner Direction from P. O. NE  
Distance from P. O. 3 miles; 1/4 sec. T. R.  
If in city, give street and number Town of Putnam Valley?

P528  
P537  
West Point 15' quad  
15X-50S-12.3E  
Call Putnam  
Lohrman 8-8656

Locate well on plat of section.

2. Owner: William B. Branner Address Putnam Valley  
Driller: P. F. Beal & Sons Address Crewster, N.Y.  
E. Ashby on rig.

3. Situation: Is well on upland, in valley, or on hillside? valley

4. Elevation of top of well: 460 ft. above the level of sea  
(Above or below) (Sea, depot, lake, or stream)

5. Type of well: drilled; kind of drilling rig used core drill  
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: 230 ft.; year in which well was finished 1939

Does well enter rock? yes; if so, at what depth? 5-6 ft.; kind of rock granite

7. Diameter: At top 6 inches; at bottom 6 inches.

8. Principal water bed: granite - water from just below casing  
(Gravel, sand, clay, or rock. If rock, state kind)

Depth to principal water bed 23 ft.; thickness of bed \_\_\_\_\_ ft.

If other water supplies were found, give depth to each \_\_\_\_\_

9. Casings: Kind steel; size 6; length 21 ft.; between depths of 0 and 21 ft.

Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.

Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.

Packers (if any): Depth at which packers were used none; kind \_\_\_\_\_

Screen or Strainer: Was well finished with screen? no; kind of screen \_\_\_\_\_

length of screen \_\_\_\_\_ ft.; diameter \_\_\_\_\_ inches; size of openings \_\_\_\_\_

10. Head: Does well at present overflow without pumping? no; did it overflow when new? no

if flowing, give pressure \_\_\_\_\_ lb. per sq. inch; or height water will rise in a pipe \_\_\_\_\_ ft. above surface;

original pressure or head \_\_\_\_\_; if not flowing, give water level in well 8 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Jenning

size or capacity of pump \_\_\_\_\_; kind of power electric

12. Yield: Natural flow at present (if any) \_\_\_\_\_ gallons per minute; original flow \_\_\_\_\_ gallons per minute;

well has been pumped at 4? 5-driller gallons per minute continuously for 8 hours;

quantity of water ordinarily obtained from well 150-200 gallons per day. in summer. Weekends only in winter.

13. Use: For what purpose is the water used? Dom - 1 family.

14. Quality of the water: \_\_\_\_\_; is there an analysis? yes lost by owner

(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.

Name of person filling blank Dr. Grossman from Mrs. Branner

Date 7-13-50 Address Village at Albany & E. Ashby 8-10-50



Duller's - LOG OF WELL (from memory)

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Hardpan & small cobbles Granite pieces	0	5-6	5-6	
	5-6	230	224	Hard <sup>at very top</sup> right at top. No weathered zone.
Blasted with 25 pounds of dynamite Shot 3 times				
Test pumped 8 hours at 5 GPM				
Pumping level 200 ft. (approximate)				
Held up at 5 GPM for 8 hrs at 200 ft.				